



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H111205

**Mode:** Highway

**Status:** Submitted

### NC-210

**From/Cross Street:** US 17

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** SR 1568 (New River Inlet Rd)

**Project Category:** Regional Impact

**Length:** 8.14

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$82,040,000

#### Description:

Widen to a Multi-Lane Facility with Bicycle Lanes

**Division(s):** Division 3

**County(s):** ONSLOW

**MPOS(s)/RPO(s):** Jacksonville Urban MPO, Down East RPO

### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 37.9**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 73.17	Percent: 15%	Percent: 15%
Multimodal + [Freight & Military] (25%) 18.15	Points: 0	Points: 100
[Travel Time] Benefit/Cost (20%) 0.35		
<b>Totals: Weight: 70% Weighted Score: 22.9</b>		

**Division Needs Total Score: 25.08**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 43.18	Percent: 25%	Percent: 25%
Safety (20%) 73.17	Points: 0	Points: 0
Multimodal + [Freight & Military] (10%) 18.15		
<b>Totals: Weight: 50% Weighted Score: 25.08</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	8.14
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	10110.27
Capacity:	15500.04
Volume/Capacity Ratio:	0.65
% Autos:	96%
% Trucks:	4%
Truck Volume:	368.27
Crash Density:	88.33
Crash Severity:	65.35
Critical Crash Rate:	65.85
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	100
Actual Congested Speed:	42.45
Travel Time Index:	1.3

**Project Benefits**

Project Cross-Section:	4B - 4 Lane Divided (23' Raised Median) with Paved Shoulders and Sidewalks
Speed Limit:	55
Length (miles):	8.14
Facility Type:	Multi-Lane Highway
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	1049858.85
Travel Time Savings for 30 Years (Autos):	1011617.13
Travel Time Savings for 30 Years (Trucks):	38241.72
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	Yes
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 3	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Jacksonville Urban MPO	93%	93	0
Down East RPO	7%	7	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$79,613,000	TIP Unit
Right-of-Way Cost:	\$2,167,000	TIP Unit
Utilities Cost:	\$260,000	TIP Unit
Total Project Cost:	\$82,040,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$82,040,000</b>	